

AMENDMENTS TO THE DRAWINGS

The attached sheets of drawings include new FIGS. 2 and 3.

Attachment: New Drawing Sheets (2)

REMARKS

Claims 1-5, 8-11, 15, 17-18, 25, and 27-34 are pending in the current application. Claims 1, 11, 15, 17, and 25 are amended by this amendment. Claims 27-34 are added by this amendment. Claims 12-14, 19-24, and 26 are canceled by this amendment.

Allowable Subject Matter

Initially, Applicant notes with appreciation the Examiner's indication claims 18 and 26 would be allowable if rewritten in independent form including all of the limitation of the base claim and any intervening claims. As explained in detail below with respect to the 35 U.S.C. § 103 rejections of the claims, the allowable subject matter from one of claims 18 and 26 is included in each of pending independent claims 1, 11, 17, 25, and 27.

Amendments to the Specification

The specification is amended to include reference to new FIGS. 2 and 3. Applicant respectfully submits no new matter is added with the amendments to the specification.

Drawings

The Examiner objects to the drawings under 37 C.F.R. § 1.83(a). In response to the objection to the drawings, submitted herewith are new Drawing Sheets including new FIGS. 2 and 3. Applicant respectfully submits the new Drawing Sheets which include new FIGS. 2 and 3 show the features of the claims indicated by the Examiner in the current Office Action. Applicant respectfully submits no new matter is added with the submission of the new Drawing

Sheets. Accordingly, Applicant respectfully requests the objections to the drawings be withdrawn.

Claim Rejections under 35 U.S.C. § 103

Claims 1-3, 5, 8-9, 10-12, 17, and 25 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Shaheen (U.S. Pub. No. 2003/0232594, herein Shaheen) in view of Kim et al. (U.S. Pub. No. 2006/0148487, herein Kim). Claims 4 and 14-15 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Shaheen in view of Kim and further in view of Smith (U.S. Pat. No. 7,054,297, herein Smith). Claim 13 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Shaheen in view of Kim and further in view of Sayeedi (U.S. Pub. No. 2003/0129980, herein Sayeedi). Applicant respectfully traverses these rejections as detailed below.

Independent Claim 1

Independent claim 1 is amended to include limitations similar to those found in now canceled claim 26, which as noted above is indicated by the Examiner as containing allowable subject matter. Applicant notes amended claim 1 does not contain the limitation from claim 26 regarding “or an uplink is overloaded.” However, Applicant respectfully submits that because the conjunction ‘or’ was used in claim 26, either of the alternative limitations found in claim 26 surrounding the ‘or’ provide allowable subject matter. Further, Applicant respectfully submits the references cited by the Examiner fail to disclose “the indicator value enables the tracking area registration update message if the at least one user is in a sector on a boundary between at least two tracking areas and the indicator value disables the tracking area registration update

message if the at least one user is not in a sector on the boundary” as required by amended claim 1. Accordingly, Applicant respectfully submits that claim 1 is patentable for at least the above reasons.

Independent claim 11

Independent claim 11 is amended to include limitations similar to those found in claim 18, which as noted above is indicated by the Examiner as containing allowable subject matter. Further, Applicant respectfully submits the references cited by the Examiner fail to disclose “evaluating pilot strengths of M strongest sectors against a given criteria to determine a change in tracking area after expiration of a given time interval” as required by amended claim 11. Accordingly, Applicant respectfully submits that amended claim 11 is patentable for at least the above reasons.

Independent claim 17

Independent claim 17 is amended to include limitations similar to those found in now canceled claim 26, which as noted above is indicated by the Examiner as allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Therefore, Applicant submits amended claim 17 corresponds to claim 26 rewritten in independent form including all of the limitation of the base claim and any intervening claims. Accordingly, Applicant respectfully submits amended claim 17 is patentable for at least the above reasons.

Independent claim 25

Independent claim 25 is amended to include limitations similar to those found in now canceled claim 26, which as noted above was indicated by the Examiner as containing allowable subject matter. Further, Applicant respectfully submits the references cited by the Examiner fail to disclose “the transmitting step transmits an indicator value enabling the registration update messages if the users are in a sector on a boundary between at least two tracking areas and transmits an indicator value disabling the registration update message if the users are not in a sector on the boundary or an uplink is overloaded” as required by amended claim 25. Accordingly, Applicant respectfully submits amended claim 25 is patentable for at least the above reasons.

Furthermore, Applicant respectfully submits claims 2-5, 8-11, 15, 17-18, and 25, which depend from one of claims 1, 11, 17, and 25, are patentable for at least the reasons discussed above in regards to claims 1, 11, 17, and 25 as well as on their own merits.

In view of the above, Applicant respectfully requests the rejections under 35 U.S.C. § 103(a) be withdrawn.

New Claims

Applicant respectfully submits claim 27 is a new claim similar to claim 1, but which contains the limitation of now canceled claim 26 regarding “or an uplink is overloaded.” However, Applicant respectfully submits that because the conjunction ‘or’ was used, either of the alternative limitations found in claim 26 surrounding the ‘or’ provide allowable subject matter. Further, Applicant respectfully submits the references cited by the Examiner fail to

disclose "the indicator value disables the tracking area registration update message if an uplink is overloaded" as required by claim 27. Further, Applicant respectfully submits new claims 28-34, which depend from claim 27, are patentable for at least the reasons discussed above in regards to claim 27 as well as on their own merits.

CONCLUSION

Accordingly, in view of the above amendments and remarks, reconsideration of the objections and rejections and allowance of each of the pending claims of the present application is earnestly solicited.

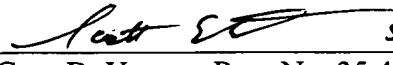
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Scott A. Elchert at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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